



LAF tech: Sustaining Control, Stability and GMP Compliance in Cleanrooms



Every Cleanroom Has a Validated Operating Envelope

Classified environments are qualified against defined acceptance criteria.

- Airborne particulate and microbial cleanliness
- Relative humidity
- Temperature
- Differential pressure cascade



While all parameters remain within validated limits, the environment is demonstrably in a state of control.



Conditions Can Drift Outside Validated Limits Without Warning

- Door interlocks and personnel transfer events
- Heat load from process equipment
- Rising relative humidity
- Elevated particulate counts
- Loss of pressure differential



A room may remain visually clean yet no longer be operating within its qualified acceptance criteria.



Continuous Environmental Monitoring Closes the Gap

LAF tech supplies validated environmental monitoring systems that acquire cleanroom data continuously, 24/7.

Critical parameters under surveillance include:

- Airborne particulate counts
- Temperature
- Relative humidity
- Room differential pressure
- Controlled and cold-chain storage areas
- Critical process equipment



Any deviation from approved limits triggers an immediate alarm to the responsible personnel for investigation and CAPA.



Monitoring Data Becomes Audit-Ready Evidence

Secure, time-stamped records with full audit trail provide ALCOA+ aligned evidence of what occurred, when it occurred, and how the deviation was investigated and closed.



Documented data supports batch release, regulatory inspection and continued process verification.



Your Cleanroom in a Validated State of Control

LAF tech supports cleanrooms, laboratories and controlled environments with qualified environmental monitoring systems that deliver continuous visibility, assured control and sustained GMP compliance.



laftech



**Require a qualified monitoring solution for
your GMP or laboratory facility?**

Speak to LAF tech today.

Visit: <https://laftech.com.au/services-environmental-monitoring/>

Contact: 1300 306 002